

Thierry LINOSSIER

11/(Amended) A radiating cable according to claim 9, including metal tapes wound helically without overlap around the pairs of insulated conductor wires, and wherein the metal tapes (10) extend between the dielectric tape (7) and the outer supporting sheath (9).

12/(Amended) A radiating cable according to claim 1, wherein the two wires of the pair differ from each other in at least one parameter comprising: conductor diameter, conductor nature or structure, and the thickness or the nature of the insulation surrounding the conductors.--

REMARKS

Claims 1-12 have been amended. Claims 2-12 have been amended to correct multiple dependency. Attached hereto is a marked-up version of the changes made to claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

YOUNG & THOMPSON

By

Benoit Castel

Benoit Castel
Attorney for Applicant
Customer No. 000466
Registration No. 35,041
745 South 23rd Street
Arlington, VA 22202
703/521-2297

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Claims 1-12 have been amended as follows:

- 1/ A radiating cable comprising a pair of insulated conductor wires (2), the cable ~~being characterized in that it comprises~~ comprising at least one cable segment
5 (1) having first ends (3) connected to a load (4) equal to an impedance characteristic of the cable segment, and second ends (5) connected to a connector.
- 2/ A radiating cable according to claim 1, ~~characterized in that it comprises~~ comprising at least two cable
10 segments whose second ends (5) are connected to the connector (6) in a parallel configuration.
- 3/ A radiating cable according to claim 2, ~~characterized in that~~ wherein the two cable segments (1) are identical.
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- 4/ A radiating cable according to ~~any one of~~ claims 1 to 3, ~~characterized in that~~ wherein the pairs of insulated conductor wires (2) are placed in a supporting sheath
20 (9).
- 5/ A radiating cable according to ~~any one of~~ claims 1 to 4, ~~characterized in that~~ wherein the insulated conductor wires are twisted together, at least in part.
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- 6/ A radiating cable according to claim 5, ~~characterized in that~~ wherein the insulated conductor wires (2) are twisted at a pitch lying in the range about 15 times to about 30 times the diameter of the insulated wires.
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- 7/ A radiating cable according to claim 4 ~~or claim 6~~, ~~characterized in that~~ wherein the wires are twisted alternately with right-handed twist and with left-handed twist.
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- 8/ A radiating cable according to claim 7, ~~characterized in that~~ wherein a portion of cable with right-handed

twist is separated from a portion of cable with left-handed twist by a portion of cable in which the insulated wires are substantially parallel to each other.

5 9/ A radiating cable according to ~~any one of claims 1 to 8, characterized in that it includes~~ including a dielectric tape (7) in contact with the insulated conductor wires.

10 10/ A radiating cable according to ~~any one of claims 1 to 9, characterized in that it includes~~ including metal tapes wound helically without overlap around the pairs of insulated conductor wires.

15 11/ A radiating cable according to claim ~~10 as dependent on claim 9,~~ including metal tapes wound helically without overlap around the pairs of insulated conductor wires, and ~~characterized in that wherein~~ the metal tapes (10) extend between the dielectric tape (7) and the outer
20 supporting sheath (9).

12/ A radiating cable according to ~~any one of claims 1 to 11, characterized in that wherein~~ the two wires of the pair differ from each other in at least one parameter
25 comprising: conductor diameter, conductor nature or structure, and the thickness or the nature of the insulation surrounding the conductors.